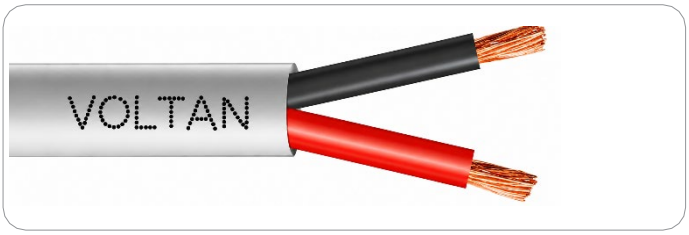
VOLTAN

POWERING CONNECTIONS • ENERGIZING SOLUTIONS

2C to 12C, 22AWG Unshielded, Multi Conductor Cable PVC Sheath



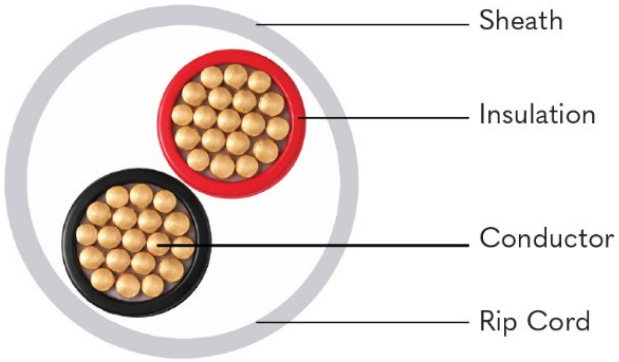
APPLICATION

Unshielded Multi-Conductor Cable suitable for Building Management System (BMS), Audio, Control and Instrumentation.

DESIGN

Conductor: N x Bare Copper Wire, 22 AWG Flexible
Insulation: Polyolefin
Core Colors: 1: Black, 2: White, 3: Red, 4: Green, 5: Brown, 6: Blue, 7: Orange, 8: Yellow 9: Purple, 10: Grey, 11: Pink, 12: Tan
Rip Cord: Nylon Yarn
Sheath Material: Flame-Retardant Polyvinyl Chloride (PVC)
Standard colour: Grey, RAL Code: 7046
Standard Put-up Length: 305 Meters

Cross Section Drawing



PHYSICAL CHARACTERISTICS

Part Number	VC222P	VC322P	VC422P	VC622P	VC822P	VC1222P
No. of Cores x 22AWG (7 x 30)	2	3	4	6	8	12
Nom. Diameter Conductor	0.75					
Nom. Radial Thickness Insulation (mm)	0.20					
Nom. Radial Thickness Sheath (mm)	0.4					0.5
Nom. Overall Diameter (mm)	3.3	3.5	3.8	4.5	4.9	6.0
Operating Temperature Range (°C)	-25 to +75					
Max. Recommended Pulling Tension (N)	80	121	187	243	324	486
Min. Bend Radius (Install) (mm)	33	35	38	45	49	60
Nominal Cable Weight (kg/km)	13.4	18.2	22	32	40.3	57.2

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CE ISO RoHS

ELECTRICAL CHARACTERISTICS

Part Number	VC222P	VC322P	VC422P	VC622P	VC822P	VC1222P
No. of Cores x 22AWG (7 x 30)	2	3	4	6	8	12
Max. DC Resistance Conductor (Ω/km)	57.4					
Capacitance conductor to conductor (Pf/m)	40	35	35	45	45	45
Nominal inductance (µH/ m)	0.5					
Max. Recommended current at 25°C (Amps)	2.8		2.25	1.95	1.95	
Max. Operating Voltage (Vrms)	300					

REFERENCE & STANDARDS

(BS) EN 50290-2
RoHS Directives
IEC 60332-1

ORDERING INFORMATION

Part Number	Description
VC222P	Voltan UK 2 Core, 22 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll
VC322P	Voltan UK 3 Core, 22 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll
VC422P	Voltan UK 4 Core, 22 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll
VC622P	Voltan UK 6 Core, 22 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll
VC822P	Voltan UK 8 Core, 22 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll
VC1222P	Voltan UK 12 Core, 22 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll